EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|---------------------|---------|---------------------|
| S1 | 2 | ("20030000529").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/10 16:56 |
| S2 | 0 | ("2003/0000529").URPN. | USPAT | ADJ | ON | 2008/06/10 16:59 |
| 83 | 742 | (128/204.26).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/10 17:01 |
| S4 | 24 | ((FRANCIS) near2 (KAY)). INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/10 17:22 |
| S5 | 2 | ("6354466").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/10 17:25 |
| S6 | 1 | "03038322" | US-PGPUB; USPAT | ADJ | ON | 2008/06/10 17:25 |
| S7 | 1 | "03090842" | US-PGPUB; USPAT | ADJ | ON | 2008/06/10 17:25 |
| S8 | 0 | 6052U | US-PGPUB; USPAT | ADJ | ON | 2008/06/10 17:25 |
| S9 | 0 | S6 "052" U | US-PGPUB; USPAT | ADJ | ON | 2008/06/10 17:26 |
| S10 | 1552 | "6052" | US-PGPUB; USPAT | ADJ | ON | 2008/06/10 17:26 |
| S11 | 2 | GB "2298026" | US-PGPUB; USPAT | ADJ | ON | 2008/06/11 13:47 |
| S12 | 5 | ("4219017" "4436090" "5357950" "5839436"). PN. OR ("6729331"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/11 13:48 |
| S13 | 2 | GB "2298026" | US-PGPUB; USPAT | ADJ | ON | 2008/06/11 13:49 |
| S14 | 1 | GB2298026 | US-PGPUB; USPAT | ADJ | ON | 2008/06/11 13:50 |
| S15 | 0 | ("2006/0138378").URPN. | USPAT | ADJ | ON | 2008/06/11 13:50 |
| S16 | 0 | GB-A-2298026 | USPAT | ADJ | ON | 2008/06/11 13:52 |
| S17 | 0 | GB-2298026 | USPAT | ADJ | ON | 2008/06/11 13:52 |

| S18 | 0 | GB-2298026 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/06/11 13:52 |
|-------------|------|--|---|------|-----|---------------------|
| S19 | 18 | "2298026" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/06/11 13:52 |
| S20 | 7 | "0112958.4" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/06/11 13:53 |
| S21 | 4 | "0112958" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/06/11 13:53 |
| S2 3 | 1722 | (251/339,282).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/12 17:47 |
| \$24 | 599 | [("20020159333") or ("20040173268") or ("20050045237") or ("20050045237") or ("3558658") or ("3558658") or ("3558659") or ("3568659") or ("3568659") or ("3608587") or ("360859") or ("360859") or ("3670766") or ("3670766") or ("3670769") or ("36707769") or ("379881") or ("379881") or ("379881") or ("3798881") or ("3798881") or ("38198649") or ("3819869") or ("381986 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | OFF | 2008/06/12 |

| | ("3865133") or | | | | |
|---|----------------|-----|------|---|---|
| | ("3868971") or | | | | |
| | ("3870074") or | | | | |
| | ("3872884") or | | | | |
| | ("3906993") or | | | | |
| | ("3908419") or | | | | |
| i | ("3921665") or | | | | |
| | ("3926208") or | | | | |
| | ("3928711") or | | | | |
| | ("4005639") or | | | | |
| | ("4007716") or | | | | |
| | | | | | |
| - | ("4010727") or | | | | |
| | ("4037623") or | | | | |
| | ("4040600") or | | | | |
| - | ("4067356") or | | | | |
| | ("4070005") or | | | | |
| - | ("4071046") or | | | | |
| | ("4072014") or | | | | |
| | ("4078722") or | 1 | | | |
| | ("4079691") or | | | | |
| | ("4080988") or | | | | |
| i | ("4082224") or | | | | |
| | ("4088151") or | | | | |
| | ("4095774") or | | | | |
| | ("4103711") or | | | | |
| | ("4106466") or | | | | |
| | ("4114639") or | | | | |
| | | | | | |
| | ("4128108") or | | | | |
| i | ("4154260") or | | | | |
| | ("4159025") or | | | | |
| | ("4164209") or | | | | |
| | ("4168864") or | | | | |
| | ("4243201") or | | | | |
| | ("4248264") or | | | | |
| | ("4248403") or | | | | |
| | ("4249572") or | | | | |
| | ("4254749") or | | | | |
| | ("4256284") or | | | | |
| | ("4265164") or | 1 | | | |
| | ("4266109") or | | | | |
| l | ("4267766") or | | | | |
| | ("4278009") or | | | | |
| | ("4280390") or | | | | |
| | ("4280395") or | | | | |
| 1 | ("4280679") or | | | | |
| | ("4287954") or | | | | |
| | | | | | |
| | ("4289160") or | | | | |
| - | ("4290340") or | | - | | |
| - | ("4291723") or | | | i | |
| | ("4296914") or | | | | |
| | ("4303197") or | | | | |
| - | ("4306586") or | l l | **** | | |
| | ("4309966") or | | | | |
| * | ("4316504") or | | | | |
| | ("4317436") or | | | | |
| | ("4325700") or | § | 5 | | 3 |

| ("4336432") or ("4336933") or ("4341076") or ("4346733") or ("4350326") or ("4350355") or ("4351355") or ("4354526") or ("4368661") or ("436875") or ("4373551") or ("4373551") or ("4381737") or ("4381737") or ("4381737") or ("4381737") or ("4391722") or ("4397221") or ("4404891") or ("4404891") or ("4404891") or ("441028") or ("441028") or ("4411028") or ("4411028") or ("4411028") or ("4418721") or ("4418721") or ("4418721") or ("4418721") or ("4418721") or ("4418721") or ("4418930") or ("4418930") or ("4418931") or ("4418979") or ("4438310") or ("4448660") or ("4448060") or ("4489132") or ("4489132") or ("4489060") or ("4489060") or ("4489132") or ("4489861") or ("4489861") or ("4489861") or ("4489861") or ("4489861") or ("4489881") or ("4489752") or ("4498752") or ("4489752") or ("4498752") or ("4510884") or | l lu roccoccus | i | š | |
|--|----------------|-----|-----|--|
| ("4336903") or ("4341076") or ("4350126") or ("4350301") or ("4350301") or ("4351355") or ("4354526") or ("436865") or ("43686756") or ("4368756") or ("4373551") or ("438137") or ("438157") or ("4381579") or ("4381579") or ("4381579") or ("4391579") or ("4308722") or ("440830") or ("440830") or ("440830") or ("441028") or ("4411028") or ("4411028") or ("4411028") or ("4411865") or ("4413645") or ("4413645") or ("4413645") or ("441360") or ("44137492") or ("4438310") or ("4438310") or ("4448068") or ("4448068") or ("4448068") or ("444808") or ("444800") or ("444800") or ("4488381") or ("4488381") or ("4488381") or ("4488884") or ("4488884") or ("4488884") or ("4488881") or ("4489009") or ("4488881") or ("4489009") or ("4494500") or ("4494500") or ("4500069") or ("4500069") or ("4500069") or | ("4328822") or | | | |
| ("4341076") or ("43503126") or ("4350317") or ("4350317") or ("4351355") or ("4354526") or ("4368661") or ("4368756") or ("4368756") or ("4375946") or ("4375946") or ("439173") or ("439173") or ("439173") or ("439172") or ("43087221") or ("4404891") or ("4404894") or ("4406306") or ("4407323") or ("4407323") or ("441028") or ("4411028") or ("4411028") or ("4411987") or ("4418721") or ("44187491") or ("4418739") or ("4418739") or ("4418739") or ("44187379") or ("44187379") or ("4438310") or ("44187379") or ("4438310") or ("4448606") or ("44153755") or ("4448606") or ("4453755") or ("4448608") or ("4451257") or ("4485375") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4489009") or ("4500089") or ("4500089") or | | | | |
| ("4346733") or ("4350126") or ("4351355") or ("4354526") or ("4368661") or ("4368661") or ("4373551") or ("4373551") or ("4373551") or ("4381737") or ("4381737") or ("4381737") or ("4391722") or ("4404894") or ("4404894") or ("4406306") or ("441028") or ("441028") or ("4411028") or ("4411028") or ("4411028") or ("4413645") or ("4413645") or ("4413645") or ("4413645") or ("4413690") or ("4417500") or ("4418721") or ("4438310") or ("4443660") or ("4448660") or ("4448660") or ("4448660") or ("4448600") or ("4448000") or ("4448000") or ("4485881") or ("4489752") or ("4487522") or ("4489752") or ("4498752") or ("4498752") or ("4498752") or ("4498752") or ("4500089") or ("4510989") or | | | | |
| ("4350126") or ("4350301") or ("4354355") or ("436456") or ("4368651") or ("4368651") or ("4368651") or ("4375946") or ("4375946") or ("4384591") or ("4384591") or ("4394591") or ("4404891") or ("4404891") or ("4404894") or ("4406306") or ("4416306") or ("4411028") or ("44116036") or ("44116036") or ("4418721") or ("44187497") or ("44187497") or ("44187497") or ("4418779") or ("4438310") or ("4438310") or ("4448606") or ("4448606") or ("4445036") or ("4445036") or ("4445036") or ("4445036") or ("4445036") or ("4445036") or ("44488109") or ("4448608") or ("4448009") or ("4448009") or ("4485975") or ("4485975") or ("4485975") or ("4485984") or ("4485984") or ("4485844") or ("4485844") or ("4485884") or ("4485869") or ("4485884") or ("4485869") or ("4485890") or ("4485890") or ("450069") or | | | | |
| ("4350301") or ("4354526") or ("4364556") or ("4368661") or ("4368661") or ("4368756") or ("4373551") or ("4373551") or ("4381737") or ("4381737") or ("4381737") or ("4397221") or ("440894") or ("4404894") or ("4406306") or ("4406306") or ("441028") or ("4411028") or ("4411028") or ("4411865") or ("4411864") or ("4418750") or ("4417600") or ("4417600") or ("4418721") or ("4418721") or ("44489132") or ("4448869") or ("4448586") or ("4448586") or ("4448000") or ("44485881") or ("44485881") or ("4485881") or ("4485884") or ("4489009") or ("4489752") or ("4489752") or ("4489752") or ("4489752") or ("4489600") or ("4489689") or ("4489659") or ("4489659") or ("4489752") or ("4489659") or ("4489659") or ("4489659") or ("4489650") or ("4489659") or ("4510899") or ("4510899") or | ("4346733") or | | | |
| ("4351355") or ("4368661") or ("4368661") or ("4368756") or ("4373551") or ("4373551") or ("4384591") or ("4391579") or ("4391579") or ("4391579") or ("4404891") or ("4406306") or ("4406306") or ("4407323") or ("4408722") or ("4411028") or ("4411028") or ("4411028") or ("44115036") or ("4415036") or ("4413645") or ("4415036") or ("4413645") or ("4413645") or ("4413691") or ("44137492") or ("4438710") or ("44437492") or ("4438310") or ("4438310") or ("4448068") or ("4448068") or ("4448068") or ("4448068") or ("444808") or ("444808") or ("444808") or ("444808") or ("4488381") or ("4489009") or ("4494500") or ("4494500") or ("4500009") or | ("4350126") or | | | |
| ("4365456") or ("436875") or ("436875") or ("4368756") or ("4375946") or ("4375946") or ("439157") or ("439157") or ("439157") or ("439157") or ("4404891") or ("4404894") or ("4406306") or ("4407323") or ("4407323") or ("4407323") or ("4417280") or ("4411628") or ("4411628") or ("4415036") or ("4415036") or ("4415036") or ("4418721") or ("441877") or ("441877") or ("4438310") or ("4438310") or ("4438379") or ("4439373") or ("4448668") or ("4455755") or ("4448668") or ("4457555") or ("4485755") or ("4485755") or ("448584") or ("448584") or ("448584") or ("4485881") or ("4485881") or ("4485881") or ("4485881") or ("4485881") or ("4485884") or ("4485884") or ("4485884") or ("4485884") or ("4485864") or ("4485884") or ("4485884") or ("4485884") or ("4485884") or ("4485869") or ("4485884") or ("4485869") or ("4485884") or ("4485869") or ("450068") or ("4510889") or | ("4350301") or | | | |
| ("4362475") or ("4368661") or ("4373551") or ("4373551") or ("4373551") or ("4381737") or ("4381579") or ("4397221") or ("4397221") or ("4404894") or ("4404894") or ("4404894") or ("441028") or ("441028") or ("4411028") or ("4411028") or ("44112805") or ("44115036") or ("4415036") or ("4417500") or ("4418721") or ("4418721") or ("4418721") or ("4438310") or ("4438710") or ("4448689") or ("4448689") or ("4448689") or ("4448689") or ("4448600") or ("4448000") or ("44489122") or ("448900") or ("4489811") or ("4489811") or ("4489811") or ("4489881") or ("44898972") or ("4489752") or ("4489752") or ("4489752") or ("4489690") or ("4489689") or ("4489690") or ("4498590") or | ("4351355") or | | | |
| ("4368661") or ("437896") or ("4375946") or ("4375946") or ("4384591") or ("4384591") or ("43987221") or ("4404891") or ("4404894") or ("4406306") or ("4407323") or ("4407323") or ("4418036") or ("4411028") or ("4411028") or ("44115036") or ("44115036") or ("4418721") or ("4418797") or ("4418797") or ("4418797") or ("4438910") or ("4438910") or ("4448608") or ("4448608") or ("4448608") or ("4445608") or ("4445795") or ("4445795") or ("4445795") or ("4445795") or ("4448810") or ("4488109") or ("4488109") or ("4488109") or ("4488191") or ("4488381") or ("4488381") or ("4489009") or ("4494500") or ("4494500") or ("4494500") or ("4494500") or ("4494500") or ("449450") or ("449450") or ("449450") or ("449450") or ("449450") or ("4500069") or ("4500069") or ("4500069") or | ("4354526") or | | | |
| ("4368756") or ("4373551") or ("4375546") or ("4384591") or ("4384591") or ("4391579") or ("4391579") or ("4404891") or ("4404894") or ("4406306") or ("440323") or ("4408722") or ("4415805") or ("4415805") or ("4415806") or ("4415806") or ("4417600") or ("4417871") or ("4417871") or ("4438779") or ("4438759") or ("4448668") or ("4448668") or ("4448668") or ("4448668") or ("4448688") or ("4448584") or ("4485881") or ("4489752") or ("4489752") or ("4489752") or ("4489650") or ("4489650") or ("449450") or ("449450") or ("449450") or ("4510894") or ("4510894") or ("4510894") or ("4510894") or ("4510894") or | ("4362475") or | | | |
| ("4373551") or ("4384591") or ("4384591") or ("4397221") or ("4397221") or ("4404891") or ("4406306") or ("4407323") or ("4408722") or ("4411028") or ("44115036") or ("4415036") or ("4415036") or ("4415036") or ("4415036") or ("4418721") or ("4418721") or ("4418721") or ("4418731") or ("4438310") or ("4438310") or ("4438310") or ("4448608") or ("4448608") or ("4448608") or ("4448608") or ("4448009") or ("4448009") or ("448909") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485881") or ("4485881") or ("4485881") or ("4485881") or ("4485841") or ("4485881") or ("4485861") or ("4489752") or ("4489752") or ("4489752") or ("4489752") or ("4489600") or ("4489752") or ("4489600") or ("4500000") or ("4489600") or ("4500000") or | ("4368661") or | | | |
| ("4373551") or ("4384591") or ("4384591") or ("4397221") or ("4397221") or ("4404891") or ("4406306") or ("4407323") or ("4408722") or ("4411028") or ("44115036") or ("4415036") or ("4415036") or ("4415036") or ("4415036") or ("4418721") or ("4418721") or ("4418721") or ("4418731") or ("4438310") or ("4438310") or ("4438310") or ("4448608") or ("4448608") or ("4448608") or ("4448608") or ("4448009") or ("4448009") or ("448909") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485881") or ("4485881") or ("4485881") or ("4485881") or ("4485841") or ("4485881") or ("4485861") or ("4489752") or ("4489752") or ("4489752") or ("4489752") or ("4489600") or ("4489752") or ("4489600") or ("4500000") or ("4489600") or ("4500000") or | ("4368756") or | | | |
| ("4381737") or ("438159") or ("4397221") or ("4397221") or ("4404894") or ("4404894") or ("4406306") or ("4407323") or ("441028") or ("4411028") or ("4411028") or ("4415036") or ("4415036") or ("4417509") or ("4418721") or ("4418721") or ("4418721") or ("4438710") or ("4438710") or ("4438710") or ("4438810") or ("4448668") or ("4448668") or ("4448668") or ("4448668") or ("4448600") or ("4448000") or ("4489375") or ("4489375") or ("4489381") or ("4489581") or ("4489752") or ("4489752") or ("4489659") or ("4494500") or ("449450") or ("4510898") or ("4510898") or | | | | |
| ("4384591") or ("4391579") or ("4397221") or ("4404891") or ("4404894") or ("4406306") or ("4407323") or ("4410326") or ("4415036") or ("4415036") or ("4415036") or ("4415036") or ("4418721") or ("4418721") or ("4418797") or ("4438310") or ("4438310") or ("4438310") or ("4438810") or ("4448606") or ("4448606") or ("4445606") or ("4455755") or ("445909") or ("44582581") or ("4488309") or ("4488301") or ("4488301") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485861") or ("4500069") or ("4500069") or ("4500069") or | ("4375946") or | | | |
| ("4384591") or ("4391579") or ("4397221") or ("4404891") or ("4404894") or ("4406306") or ("4407323") or ("4410326") or ("4415036") or ("4415036") or ("4415036") or ("4415036") or ("4418721") or ("4418721") or ("4418797") or ("4438310") or ("4438310") or ("4438310") or ("4438810") or ("4448606") or ("4448606") or ("4445606") or ("4455755") or ("445909") or ("44582581") or ("4488309") or ("4488301") or ("4488301") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485841") or ("4485861") or ("4500069") or ("4500069") or ("4500069") or | ("4381737") or | | | |
| ("4397221") or ("4404891") or ("4406306") or ("4407323") or ("4407323") or ("4411028") or ("4411028") or ("44115036") or ("4415036") or ("4415036") or ("4418721") or ("4418721") or ("4418721") or ("4438310") or ("4438310") or ("4438310") or ("4438310") or ("4448608") or ("4448608") or ("4448608") or ("4448009") or ("4445259") or ("4448009") or ("4489009") or ("448584") or ("448580") or ("448900") or ("448900") or ("448900") or ("448900") or ("448965") or ("448965") or ("4500089") or ("4500089") or ("4510989") or | | | | |
| ("4397221") or ("4404891") or ("4406306") or ("4407323") or ("4407323") or ("4411028") or ("4411028") or ("44115036") or ("4415036") or ("4415036") or ("4418721") or ("4418721") or ("4418721") or ("4438310") or ("4438310") or ("4438310") or ("4438310") or ("4448608") or ("4448608") or ("4448608") or ("4448009") or ("4445259") or ("4448009") or ("4489009") or ("448584") or ("448580") or ("448900") or ("448900") or ("448900") or ("448900") or ("448965") or ("448965") or ("4500089") or ("4500089") or ("4510989") or | ("4391579") or | | | |
| ("4404891") or ("4404894") or ("4407323") or ("4408722") or ("4418028") or ("4412805") or ("44112805") or ("4415036") or ("4415036") or ("4419977") or ("4419977") or ("4438710") or ("4438792") or ("443879") or ("443879") or ("4442859") or ("4442859") or ("4442859") or ("4445068") or ("4445068") or ("4451257") or ("448909") or ("4481913") or ("44853755") or ("448909") or ("448584") or ("448939") or ("4489381") or ("448584") or ("448909") or ("448989") or ("448989") or ("448989") or ("448972") or ("448972") or ("4494500") or ("449450") or ("449450") or ("449450") or ("449450") or ("449450") or ("4500069") or ("4510989") or | ("4397221") or | | | |
| ("4406306") or ("4407323") or ("4407323") or ("4411028") or ("44112805") or ("4415036") or ("4415036") or ("4418721") or ("4418721") or ("4418797") or ("4438310") or ("4438310") or ("44488779") or ("4438310") or ("4448608") or ("4448608") or ("4446608") or ("4445755") or ("445125") or ("445125") or ("4453755") or ("445375") or ("4458375") or ("4458375") or ("4458375") or ("4485125") or ("448512") or ("448512") or ("448584") or ("448584") or ("448584") or ("448584") or ("448584") or ("4485861") or ("4485800") or ("4485800") or ("4485800") or ("448900") or ("4485800") or ("448900") or ("448584") or ("448584") or ("448584") or ("448900") or ("448584") or ("448900") or ("449450") or ("4500069") or ("4500069") or ("4500069") or | | | | |
| ("4407323") or ("4407322") or ("4411028") or ("4413645") or ("4413645") or ("4413645") or ("4415036") or ("4417600") or ("441971") or ("4439732") or ("443810") or ("443810") or ("443812") or ("443813") or ("443813") or ("444858") or ("4445684") or ("4445684") or ("4446608") or ("4446608") or ("444600") or ("4451257") or ("4453755") or ("4468400") or ("448381") or ("448384") or ("448584") or ("448584") or ("448584") or ("448584") or ("448584") or ("448952") or ("4489752") or ("4489600") or ("4489600") or ("4489752") or ("4489752") or ("4489752") or ("449450") or ("449450") or ("4510894") or ("4510894") or ("4510894") or ("4510894") or ("4510894") or | ("4404894") or | | | |
| ("4408722") or ("4411028") or ("44112805") or ("4415036") or ("4415036") or ("4415036") or ("4418721") or ("4418721") or ("4438710") or ("4438310") or ("4438310") or ("4438310") or ("4443859") or ("4442659") or ("4442660") or ("4446608") or ("4446008") or ("4448000") or ("445275") or ("446900") or ("4489375") or ("4489375") or ("4489381") or ("4489381") or ("448584") or ("448584") or ("448584") or ("448584") or ("448584") or ("448582") or ("448584") or ("448580") or ("4489752") or ("4494570") or ("4510089") or ("4510089") or ("4510089") or | ("4406306") or | | | |
| ("4411028") or ("4412805") or ("4413645") or ("4415036") or ("4417600") or ("441997") or ("441997") or ("4438779") or ("443873") or ("443879") or ("4442859") or ("4442859") or ("4448066") or ("4446608") or ("4446068") or ("4446009") or ("4451257") or ("4451257") or ("4451257") or ("4489099") or ("448913") or ("4473529") or ("4473529") or ("4473529") or ("4473529") or ("4473529") or ("4489009") or ("4473529") or ("4489009") or ("4473529") or ("4489009") or ("4490009") or ("4490009") or ("4490009") or ("4490009") or ("4500069") or ("4500069") or | ("4407323") or | | | |
| ("4413645") or ("4413645") or ("4413640") or ("4417600") or ("4418721") or ("441971") or ("4439719") or ("443810") or ("443810") or ("443812") or ("443812") or ("4448589") or ("4446608") or ("4446608") or ("4446608") or ("4446000") or ("4448000") or ("4451257") or ("4453755") or ("4468400") or ("4489381") or ("45108981") or ("45108981") or ("45108981") or | ("4408722") or | | | |
| ("4413645") or ("4415036") or ("4417600") or ("4418721") or ("441997") or ("4438310") or ("4438310") or ("4438310") or ("4442859") or ("4442859") or ("4442859") or ("4445664") or ("4446608") or ("4445066") or ("445125") or ("4453755") or ("4469009") or ("4473122") or ("4473122") or ("4473122") or ("4473529") or ("4483841") or ("4483841") or ("4483841") or ("4489591") or ("4494500") or ("4494500") or ("449450") or ("449450") or ("4500069") or ("4510989") or ("4510989") or | ("4411028") or | | | |
| ("4415036") or ("4417600") or ("4417600") or ("4418721") or ("4438479") or ("443810") or ("4438179") or ("4439132") or ("4439132") or ("4442664") or ("4442664") or ("4446606") or ("444606") or ("444806") or ("4451257") or ("4466400") or ("445259") or ("4453752") or ("448931") or ("448913") or ("448913") or ("448913") or ("4489584") or ("4489752") or ("4494500") or ("4510086") or ("4510086") or ("4510086") or | ("4412805") or | | | |
| ("4417600") or ("4418721") or ("4418721") or ("44387492") or ("4438310") or ("4438310") or ("4438132") or ("4442859") or ("4442859") or ("4446608") or ("4446608") or ("4446008") or ("4448009") or ("4453755") or ("4469009") or ("4473122") or ("4473122") or ("4489309") or ("4489309") or ("4489309") or ("4489309") or ("4489309") or ("4489309") or ("448939") or ("448939") or ("448939") or ("448939") or ("4489752") or ("4489752") or ("4489752") or ("4489752") or ("4489752") or ("4494500") or ("4390089") or ("4510989") or ("4510989") or ("4510989") or ("4510989") or | ("4413645") or | | | |
| ("4418721") or ("4419977") or ("4439370") or ("4438779") or ("4438779") or ("4438679") or ("4442664") or ("4448066") or ("4448066") or ("4448066") or ("445125") or ("445275") or ("44527") or ("445375") or ("445379") or ("4473122") or ("4473122") or ("447312") or ("448984") or ("4489884") or ("4489752") or ("4489752") or ("4489752") or ("4494570") or ("4494570") or ("4494570") or ("4494570") or ("4510896") or ("4510896") or ("4510896") or | ("4415036") or | 1 | | |
| ("441997") or ("44387492") or ("4438739") or ("4438739") or ("4439132") or ("4442668") or ("4442668") or ("4446608") or ("444608") or ("444600") or ("4451257") or ("446900") or ("4473122") or ("4473122") or ("4473129") or ("4473129") or ("4489381") or ("4489384") or ("4489752") or ("4494500") or ("449450") or ("4510898") or ("4510898") or ("4510898") or ("4510898") or | ("4417600") or | | | |
| ("441997") or ("44387492") or ("4438739") or ("4438739") or ("4439132") or ("4442668") or ("4442668") or ("4446608") or ("444608") or ("444600") or ("4451257") or ("446900") or ("4473122") or ("4473122") or ("4473129") or ("4473129") or ("4489381") or ("4489384") or ("4489752") or ("4494500") or ("449450") or ("4510898") or ("4510898") or ("4510898") or ("4510898") or | ("4418721") or | | | |
| ("443810") or ("4438779") or ("4438779") or ("4442669") or ("4446608") or ("4446608") or ("4448066") or ("4448060") or ("4451257") or ("4453755") or ("4466400") or ("4473122") or ("4473122") or ("4473129") or ("4473129") or ("4473129") or ("448814") or ("4488284") or ("4489522") or ("4489522") or ("4489752") or ("4489752") or ("4489752") or ("4494500") or ("449450") or ("45108969") or ("45108969") or ("45108969") or | | | | |
| ("4438779") or ("44438132") or ("4442859") or ("4445668") or ("4446608") or ("4445068") or ("4451257") or ("4453755") or ("4469009") or ("4469009") or ("4473122") or ("4473122") or ("447312") or ("4483841") or ("4483841") or ("4483841") or ("448752") or ("4489752") or ("4489752") or ("4489752") or ("4494500") or ("439450") or ("439089") or ("439089") or ("4510989") or ("4510989") or ("4510989") or ("4510989") or | ("4437492") or | | | |
| ("4439132") or ("4442859") or ("44428664") or ("4448066") or ("4448066") or ("445375") or ("4453755") or ("4469009") or ("4473122") or ("4473122") or ("447312") or ("4483281") or ("4489381") or ("4489251") or ("4489752") or ("4489752") or ("4489752") or ("449450") or ("449450") or ("4510894") or ("4510894") or ("4510894") or ("4510899") or | ("4438310") or | | | |
| ("4442569") or ("4442664") or ("4446608") or ("4448066") or ("4451257") or ("4453755") or ("4469000") or ("4473122") or ("4473122") or ("4473129") or ("4483281") or ("4483281") or ("4483281") or ("4489752") or ("4489752") or ("4489752") or ("4489752") or ("4489752") or ("4494500") or ("4394500") or ("439450") or ("4390069") or ("4510089") or ("4510089") or | ("4438779") or | | | |
| ("4445664") or ("4446608") or ("4448066") or ("4451257") or ("4453755") or ("4469009") or ("4469009") or ("4473122") or ("4473599") or ("4481913") or ("4483841") or ("4485844") or ("4485722") or ("4489752") or ("4489752") or ("4489752") or ("4494500") or ("449450") or ("449450") or ("4394572") or ("4394572") or ("4394572") or ("450069") or ("4510989") or ("4510989") or | ("4439132") or | | | |
| ("4446068") or ("4448066") or ("4451257") or ("4453755") or ("4466400") or ("4473122") or ("4473122") or ("4473129") or ("4481913") or ("4483281") or ("4483281") or ("4487222") or ("448722") or ("4487559") or ("4487559") or ("448752") or ("448752") or ("448752") or ("4510894") or ("4510894") or ("4510896") or | ("4442859") or | 1 | | |
| ("4448066") or ("4451257") or ("4453755") or ("4466400") or ("4469009") or ("4473122") or ("4475192") or ("448581") or ("4485841") or ("4485841") or ("448722") or ("4489752") or ("4489752") or ("449450") or ("449450") or ("439450") or ("439089") or ("4500069") or ("4510969") or ("4510969") or | ("4445664") or | | | |
| ("4451257") or ("4453755") or ("4469009") or ("4469009") or ("4473122") or ("447319") or ("448191") or ("448191") or ("4488281") or ("4485844") or ("448722") or ("4489752") or ("4492519") or ("4494500") or ("449450") or ("450069") or ("4510894") or ("4510899") or | ("4446608") or | | | |
| ("4453755") or ("4466400") or ("4469009") or ("4473122") or ("4475192") or ("4481913") or ("448191") or ("4483841") or ("448722") or ("448752") or ("448752") or ("449450") or ("449450") or ("449450") or ("4510089") or ("4510894") or ("4510899") or | ("4448066") or | | | |
| ("4466400") or ("4473122") or ("4473599") or ("4473599") or ("4481913") or ("4483841") or ("4485844") or ("4489752") or ("4489752") or ("4494500") or ("4494570") or ("4494570") or ("4500069") or ("4510894") or ("4510899") or | ("4451257") or | | | |
| ("4469009") or ("4473122") or ("4473599") or ("4481913") or ("4483281") or ("448524") or ("4487222") or ("4489752") or ("4492519") or ("449450") or ("449450") or ("450069") or ("4510894") or ("4510899") or | ("4453755") or | | | |
| ("4473122") or ("447599") or ("4481913") or ("4485841") or ("4485841") or ("4487222") or ("4489752") or ("4498752") or ("449450") or ("4494570") or ("4500069") or ("4510069") or ("4510969") or | ("4466400") or | | | |
| ("4475599") or ("4481913") or ("4485281") or ("4485282") or ("4487222") or ("4489752") or ("4492519") or ("4494500") or ("4494500") or ("4500069") or ("4510894") or ("4510896") or | ("4469009") or | | | |
| ("4481913") or ("448384") or ("448722") or ("448722") or ("4498752") or ("449450") or ("4494570") or ("449457") or ("450069") or ("4510894") or ("4510969") or | ("4473122") or | | | |
| ("4483281") or ("4485284") or ("4487222") or ("4489752") or ("4494509") or ("4494500") or ("4500069") or ("4510894") or ("4510896") or | ("4475599") or | | | |
| ("4485844") or ("4487222") or ("4489752") or ("4492519") or ("4494500") or ("4494572") or ("4500069") or ("4510894") or ("4510896") or | | | | |
| ("4487222") or ("4489752") or ("44945519") or ("4494500") or ("4494572") or ("4500069") or ("4510894") or ("4510969") or | ("4483281") or | | | |
| ("4489752") or ("4492519") or ("4494500") or ("4494572") or ("4510894") or ("4510896") or ("4510969") or | ("4485844") or | | | |
| ("4492519") or ("4494500") or ("4494572") or ("450069") or ("4510894") or ("4510969") or | ("4487222") or | į | | |
| ("4494500") or ("4494672") or ("450069") or ("4510894") or ("4510969") or | ("4489752") or | • | | |
| ("4494572") or ("4500069") or ("4510894") or ("4510969") or | | | | |
| (*450069*) or (*4510969*) or (*4510969*) or | | *** | *** | |
| ("4510894") or ("4510969") or | ("4494572") or | - | | |
| ("4510969") or | ("4500069") or | *** | | |
| | ("4510894") or | | | |
| ("4515346") or | ("4510969") or | | | |
| | ("4515346") or | *** | *** | |

| ž. | }(#.4540.457#) | ŝ | š | |
|-------|---------------------|------|---|--|
| | ("4519457") or | | | |
| - | ("4522592") or | | | |
| | ("4524799") or | | | |
| - | ("4524947") or | | | |
| - | ("4526340") or | | | |
| | ("4527740") or | | | |
| - | ("4529073") or | | | |
| - | ("4530319") or | | | |
| - | ("4530373") or | | | |
| i | ("4531579") or | | | |
| | ("4537219")).PN. or | | | |
| | (("4539892") or | | | |
| ì | ("4540154") or | | | |
| | | | | |
| - | ("4559982") or | | | |
| | ("4561828") or | | | |
| - | ("4567914") or | | | |
| i | ("4568021") or | | | |
| | ("4569201") or | | | |
| | ("4569559") or | | | |
| - | ("4580594") or | | | |
| i | ("4580954") or | | | |
| 1 | ("4582295") or | | | |
| | ("4586427") or | | | |
| - | ("4586567") or | | | |
| | ("4587885") or | | | |
| i | ("4595243") or | | | |
| | ("4597408") or | | | |
| - | ("4597410") or | | | |
| | ("4598730") or | | | |
| | ("4612883") or | | | |
| ì | ("4612885") or | | | |
| i | ("4612886") or | | | |
| | ("4614348") or | | | |
| i | ("4615419") or | | | |
| ì | ("4617797") or | | | |
| i | ("4621598") or | | | |
| | ("4622882") or | | | |
| | ("4623118") or | | | |
| ì | ("4625623") or | | | |
| | ("4630244") or | | | |
| | | | | |
| i | ("4757839") or | | | |
| 1 | ("4760940") or | | | |
| i | ("4765536") or | | | |
| | ("4766927") or | | | |
| i | ("4823842") or | | | |
| 1 | ("4842020") or | | | |
| i. | ("4899705") or | | | |
| i | ("4915134") or | | | |
| - | ("4921014") or | | | |
| * | ("4930553") or | | | |
| 4 | ("4945851") or | | | |
| | ("4971115") or | | | |
| ***** | ("4984603") or | | | |
| * | ("5228419") or | | | |
| - | ("5230317") or | **** | | |
| 1 | ("5248123") or | | | |

| ("5253621") or | i | | | |
|----------------|----|-----|--|--|
| ("5263513") or | ĺ | | | |
| ("5277160") or | | | | |
| ("5279274") or | | | | |
| ("5291868") or | | | | |
| ("5307785") or | | | | |
| ("5328343") or | | | | |
| ("5342026") or | | | | |
| ("5351657") or | | | | |
| ("5351662") or | | | | |
| ("5359974") or | | | | |
| ("5419530") or | | | | |
| ("5425305") or | | | | |
| ("5451144") or | | | | |
| ("5462027") or | | | | |
| ("5494220") or | | | | |
| ("5503123") or | | | | |
| ("5514087") or | | | | |
| ("5516076") or | | | | |
| ("5526731") or | | | | |
| ("5555869") or | | | | |
| ("5579730") or | | | | |
| | | | | |
| ("5597118") or | | | | |
| ("5603348") or | | | | |
| ("5606942") or | | | | |
| ("5611516") or | | | | |
| ("5645115") or | | | | |
| ("5685265") or | | | | |
| ("5709181") or | | | | |
| ("5711341") or | | | | |
| ("5715865") or | | | | |
| ("5727524") or | | | | |
| ("5745993") or | | | | |
| ("5758612") or | | | | |
| ("5765520") or | | | | |
| ("5785298") or | | | | |
| ("5797452") or | | | | |
| ("5809968") or | | | | |
| ("5868059") or | | | | |
| ("5868113") or | | | | |
| ("5906186") or | | | | |
| ("5921165") or | | | | |
| ("5970614") or | | | | |
| ("5996201") or | | | | |
| ("6002643") or | | | | |
| ("6047947") or | | | | |
| ("6083140") or | | | | |
| ("6109549") or | | | | |
| ("6170383") or | | | | |
| ("6224033") or | | *** | | |
| ("6224033") or | - | | | |
| ("6289872") or | | | | |
| | - | | | |
| ("6814104") or | | | | |
| ("6898150") or | | | | |
| ("RE29481") or | \$ | 1 | | |

| S25 | 1105 | "23" and (pressure near5 (reduc\$3 or regulat\$3)) and ((shroud or wall deflect) near5 (fluid or gas or air)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/17 17:59 |
|-------------|------|--|--|-----|-----|---------------------|
| S26 | 88 | "23" and (pressure near5 (reduc\$3 or regulat\$3)) and ((shroud or wall) near5 deflect near5 (fluid or gas or air)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/17 18:00 |
| S27 | 12 | "23" and (pressure near5 (reduc\$3 or regulat\$3)) same ((shroud or wall) near5 deflect near5 (fluid or gas or air)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/17 18:03 |
| S28 | 1376 | (128/205.24).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/17 18:05 |
| S2 9 | 743 | (128/204.26).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/17 18:05 |
| S3 0 | 223 | S28 and S29 | US-PGPUB; USPAT | ADJ | ON | 2008/06/17 18:05 |
| S31 | 1770 | S28 or S29 | US-PGPUB; USPAT | ADJ | ON | 2008/06/17 18:05 |
| S32 | 0 | S31 and (pressure near5 (reduc\$3 or regulat\$3)) same ((shroud or wall) near5 deflect near5 (fluid or gas or air)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/17 18:06 |
| S3 3 | 9 | \$31 and (pressure near5 (reduc\$3 or regulat\$3)) same (deflect near5 (fluid or gas or air)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/17 18:06 |
| S34 | 39 | \$31 and (pressure near5 (reduc\$3 or regulat\$3)) and (deflect near5 (fluid or gas or air)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/17 18:32 |
| S35 | 78 | \$31 and (pressure near5 (reduc\$3 or regulat\$3)) and ((deflect\$2 or baffle) near5 (fluid or gas or air)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/17 18:33 |
| S36 | 6 | ("2004011702").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/18 15:53 |
| S37 | 1723 | (251/339,282).OOLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/25 16:43 |
| S38 | 137 | S37 and (low and high) near5 pressure | US-PGPUB; USPAT | ADJ | ON | 2008/06/25 16:43 |

| S39 | 111 | S37 and (low and high) near5 pressure and (spring or bias) | US-PGPUB; USPAT | ADJ | ON | 2008/06/25 16:43 |
|-----|------|--|--|-----|-----|---------------------|
| S40 | 1379 | (128/205.24).CCLS | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/30 14:52 |
| S41 | 743 | (128/204.26).CCLS | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/30 14:52 |
| S42 | 1773 | S40 or S41 | US-PGPUB; USPAT | ADJ | ON | 2008/06/30 14:52 |
| S43 | 1 | \$42 and (pressure near5 (reduc\$3 or regulat\$3)) same ((shroud or wall) near5 (low pressure)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/30 14:52 |
| S44 | 951 | S42 and (pressure near5 (reduc\$3 or regulat\$3)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/30 14:54 |
| S45 | 36 | S42 and (pressure near5 (reduc\$3 or regulat\$3)) and ((plate or baffle or wall or shroud) near5 (direct or deflect or reduce)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/30 16:33 |
| S46 | 1 | S42 and (pressure near5 (reduc\$3 or regulat\$3)) and ((plate or baffle or wall or shroud) near5 (obstruct)) | US-PCPUB; USPAT | ADJ | ON | 2008/06/30 17:12 |
| S47 | 45 | S42 and (pressure near5 (reduc\$3 or regulat\$3)) and ((plate or baffle or wall or shroud) near5 (block or hinder or turn)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/30 17:14 |
| S48 | 701 | (slope\$2 or conical or incline\$2 or taper\$2) near (housing or body) near3 valve | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:44 |
| S49 | 307 | (outer or peripheral or exterior) near5 (slope\$2 or conical or inline\$2 or taper\$2) near5 (housing or body) near3 valve | US-PCPUB; USPAT | ADJ | ON | 2008/07/03 10:45 |
| S50 | 352 | (outer or peripheral or exterior) near5 (slope\$2 or conical or incline\$2 or taper\$2) near5 (housing or body) near3 valve | US-PCPUB; USPAT | ADJ | ON | 2008/07/03 10:46 |

| S51 | 82 | (outer or peripheral or exterior) near5 (slope\$2 or conical or incline\$2 or taper\$2) near5 (housing) near3 valve | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:46 |
|-------------|-----|---|--------------------|-----|----|---------------------|
| S52 | 3 | (gas or fluid or air) near5 (adhere) near5 (outer or peripheral or exterior or contour) near5 (slope\$2 or conical or incline\$2 or taper\$2) | US PGPUB; USPAT | ADJ | ON | 2008/07/03 10:47 |
| S53 | 316 | (gas or fluid or air) near5 (adhere or follow or direct \$4 or stick or bind) near5 (outer or peripheral or exterior or contour) near5 (slope\$2 or conical or incline\$2 or taper\$2) | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:47 |
| S54 | 319 | (gas or fluid or air) near5 (adhere or follow or direct \$4 or stick or bind or draw or attract) near5 (outer or peripheral or exterior or contour) near5 (slope\$2 or conical or incline\$2 or taper\$2) | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:48 |
| S 55 | 66 | (opening or orifice or ports or hole or outlet) near5 (gas or fluid or air) near5 (adhere or follow or dired\$4 or stick or bind or draw or attract) near5 (outer or peripheral or exterior or contour) near5 (slope\$2 or con | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:49 |
| S56 | 17 | ((opening or orifice or ports or hole or outlet) near5 (exit or out) near5 (gas or fluid or air)) same ((adhere or follow or direct \$4 or stick or bind or draw or attract) near5 (outer or peripheral or exterior or contour) near5 (slope\$2 or conical or incline\$2 or taper\$20 or conical or incline\$2 or taper\$20 or contour) | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 |

| S57 | 20 | (exit or out) near5 (gas or fluid or air)) same ((adhere or follow or direct \$4 or stick or bind or draw or attract) near5 (outer or peripheral or exterior or contour) near5 (slope\$2 or conical or incline\$2 or taper\$2) near5 (opening or orifice or ports or hole or outlet) | US-PGPUB; USPAT | ADJ | | 2008/07/03 |
|-------------|------|--|--|-----|-----|---------------------|
| S58 | 417 | (outer or peripheral or exterior or contour) near5 (slope\$2 or conical or incline\$2 or taper\$2) near5 (opening or orifice or ports or hole or outlet) near5 (gas or fluid or air) | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:51 |
| S 59 | 3647 | (slope\$2 or conical or incline\$2 or taper\$2) near5 (opening or orifice or ports or hole or outlet) near5 (gas or fluid or air) same (flow or path) | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:51 |
| S 60 | 119 | (slope\$2 or conical or incline\$2 or taper\$2) near5 (opening or orifice or ports or hole or outlet) near5 (gas or fluid or air) same (flow or path) near5 (direct or adhere or follow) | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:52 |
| S61 | 129 | (slope\$2 or conical or incline\$2 or taper\$2) near5 (opening or orifice or ports or hole or outlet or out) near5 (gas or fluid or air) same (flow or path) near5 (direct or adhere or follow) | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:53 |
| S62 | 140 | (slope\$2 or conical or incline\$2 or taper\$2) near5 (opening or ortice or ports or hole or outlet or out or exit) near5 (gas or fluid or air) same (flow or path) near5 (direct or adhere or follow) | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 |
| S63 | 7 | (("3783891") or ("5590680") or ("6874753")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/03 10:54 |

| S64 | 1236 | (251/282).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/03 10:54 |
|-----|------|---|--|-----|-----|---------------------|
| S65 | 149 | U near shape\$2 near seal same (piston or poppet or plunger or stem or bore) | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:55 |
| S66 | 154 | U near shape\$2 near seal same (piston or poppet or plunger or stem or bore or valve member) | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:56 |
| S67 | 14 | "5911220" | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 14:47 |
| S68 | 6 | (("5991220") or ("5452883") or ("4799285")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/03 14:48 |
| S69 | 6 | (("5911220") or ("5452883") or ("4799285")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/03 14:49 |

^{7/3/2008 6:32:29} PM

C:\ Documents and Settings\ mtietjen\ My Documents\ EAST\ Workspaces\ 10537615 - Valves. wsp